

## EXHIBIT J

DIROS



## INSTRUCTIONS FOR USE

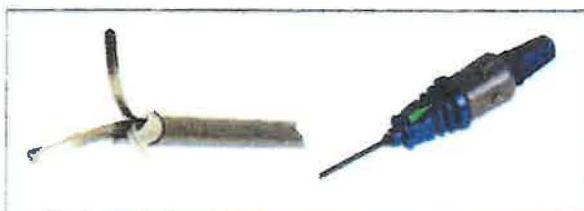
### OWL STERILE SINGLE USE TRIDENT™ HYBRID RF INSULATED CANNULA, MODEL DTRH

(EACH DEVICE IS PROVIDED IN A STERILE POUCH, SOLD IN BOX OF 10)

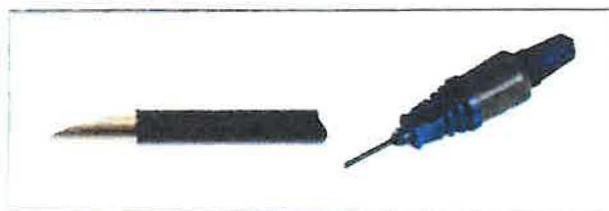
#### Introduction:



Diagram 1  
OWL Sterile Single Use Trident™ Hybrid RF Insulated Cannula, model DTRH. (Protection Tube is not shown)



DTRH Cannula with tines deployed



DTRH Cannula with tines retracted

Diagram 2

DTRH cannula tip with tines deployed and tines retracted. Tines deployment and retraction are indicated on the hub/handle.

The OWL Sterile Single Use DTRH Cannula is constructed from stainless steel tubing. Cannula consist of partially insulated shaft, plastic handle, injection port and cable with connector. Cannula handle is equipped with a mechanism that allows deployment and retraction of 3 tines.

#### **⚠ WARNING**

- The OWL Sterile Single Use DTRH Cannula is manufactured for use only with OWL RF Generators.
- Do not modify this device in any way shape or form.

#### **CAUTIONS:**

- If for any reason the insulation on the cannula is damaged, it should not be used there will be a risk of creating unwanted lesions. Therefore, it is very important that prior to each operation to visually inspect the cannula to ensure that the insulation is intact.



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## 1. Important Information - prior to use, note the following:

- Carefully read all instructions in this document prior to use. Observe all contraindications, warnings and precautions noted in these instructions. Failure to properly follow instructions may lead to improper functioning of the device and may result in patient injury.
- In addition, read, understand, and follow the full information provided in the instructions for use for other devices intended to be used with this device.
- Keep all literature for future reference.
- By law, this device is restricted to sale by or on the order of a physician.

### WARNING

**IN THE INTEREST OF PATIENT SAFETY -**  
 This product has been carefully fabricated to accepted standards and should be handled with care. Under no circumstances should an effort be made to straighten or repair any other component of the device. If any component is damaged in any manner, it should be discarded.

- OWL Sterile Single Use Trident™ Hybrid RF Insulated Cannulae are packaged as disposable. **SINGLE USE for a single patient. EO STERILE**
- Device should be used only by a trained physician.
- Use device only with the correct length RF Probe/Temperature Sensor.
- Do not re-use or re-sterilize.
- Do not bend the Trident™ Hybrid cannula.
- Do not modify this device in any way shape or form.
- When package is broken or dirty or if the insulation is damaged, cracked, peeling, chipped, cut, missing. **DO NOT USE AND DISPOSE OF THE PRODUCT IMMEDIATELY** (refer to disposal section for details) to prevent injury. Failure to properly follow instructions may lead to improper functioning of the device and may result in patient injury of the device and may result in patient injury.

## 2. Indications for Use

The OWL Sterile Single Use TRIDENT™ Hybrid RF Insulated Cannula may be used either for percutaneous nerve blocks with local anesthetic solution or for radiofrequency lesioning. A nerve is localized either by using electrostimulation through the needle or by injecting contrast medium through the needle and using radiography concomitantly. The nerve may then be blocked by injecting local anesthetic solution or a radiofrequency lesion may be made.

**Contraindications:** Radiofrequency treatment is contraindicated on patients with a cardiac pacemaker, implanted defibrillator, implanted neurostimulator, or any active electrical implant.

**Caution:** There is insufficient clinical data demonstrating safe and effective use of radiofrequency treatment in pediatric and pregnant patient populations.

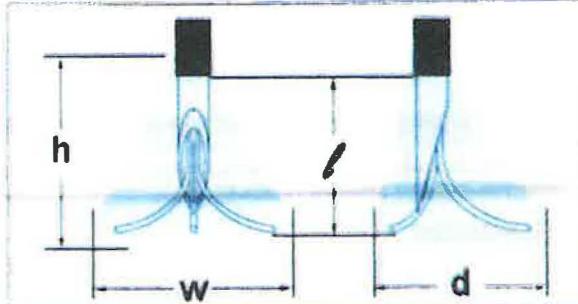
RF procedures should be reconsidered in persons with poor psychological capacity and among those receiving anticoagulation therapy or with anticoagulopathy.

Avoid use on infected areas. Do not reuse the device if used in an infected area or among persons with systemic infections.

## 3. Selecting a Trident™ Hybrid Cannula for Use

- Select a length based on the location of treatment. Obese patients may require longer cannulae to access treatment areas.
- Select active tip length and gauge based on the size of the lesion desired. A longer active tip produces a longer lesion and a larger diameter produces a wider lesion<sup>1</sup>. The following data shows the effect of the characteristics of the cannula on lesion size.
- For large tip sizes longer ramp time is recommended.

The data in table 1 below show the predicted lesion size at 75°C for 2 minutes.



Needle Gauge	Active Tip Length (l) (mm)	RF Lesion at 75°C for 2 minutes		
		Height (h) (mm)	Width (w) (mm)	Depth (d) (mm)
20	5.0	8.1	7.3	6.8
20	10	13.0	7.5	7.1
18	5.0	9.1	7.6	7.0
18	10	13.3	7.7	7.8
17	5.0	9.7	8.2	7.9
17	10	13.6	8.7	8.5

Table 1 Predicted lesion size corresponding to needle gauge and active tip length. The information provided above is based on preclinical ex vivo testing on non-perfused tissue utilizing direct visual measurement of the lesion (not thermal imaging).



Please note lesion size is also dependent upon the duration of exposure and the particular temperature chosen. Lesion sizes produced with the Trident device should not be assumed to be equivalent to those of other RF cannulae.

#### ⚠ WARNING

- Radio-frequency procedures should be performed in a fully-equipped operating room environment and only by physicians who are thoroughly trained in RF procedures
- The risk of igniting flammable gases or other materials is inherent in the application of RF power. Precautions must be taken to restrict flammable materials from the area where the instrument is in use.
- When an RF Generator and physiological monitoring equipment are used simultaneously on the same patient, any monitoring electrodes should be placed as far as possible from the surgical electrodes. Needle monitoring electrodes are not recommended. In all cases, monitoring systems incorporating HF current limiting devices are recommended.
- The patient leads should be positioned in such a way that contact with the patient or other leads is avoided. Temporarily unused active electrodes should be stored in a location that is isolated from the patient.
- The interference produced by the operation of an RF Generator may adversely influence the operation of other electronic equipment.
- Malfunction of an RF Generator could result in an unintended increase of output power; therefore, supervision of the equipment during procedure is required. Application of RF energy may cause undesirable neuromuscular stimulation.
- Use the correct size return path electrode to avoid burns at this site. Generally it should be at least 20 times the area of the bare tip. Refer to OWL RF Generator Operator's Manual for complete details.

#### Only for use with DIROS/OWL products

- Cannula maximum rated voltage is 150Vrms at 480kHz
- Temperature sensor accuracy is  $\pm 3^\circ\text{C}$   $\pm 2\%$  RDG whenever is greater
- Avoid output settings of generator exceeding this voltage
- OWL Trident™ Hybrid Cannula should not be used with generators electrodes temperature sensing probes or any other components of any manufacturer other than Diros Technology Inc. This warning must be followed to avoid possible harm to the patient or damage to the equipment. Use only genuine OWL components manufactured by Diros Technology with the OWL electrode sets.
- Use of components not of Diros Technology manufacture together with Diros Technology equipment may seriously compromise the safety of the patient and efficiency of the equipment.

#### ⚠ WARNING

PATIENTS WITH PACEMAKERS, IMPLANTED DEFIBRILLATORS, OR ANY ACTIVE ELECTRICAL IMPLANT Radio-frequency lesion generation equipment should not be used on a patient with a cardiac pacemaker, implanted defibrillator, implanted neurostimulator, or any active electrical implant.

#### ⚠ WARNING

##### MRI SAFETY INFORMATION

The OWL Sterile Single Use Trident™ Hybrid RF Insulated Cannulae are MRI Unsafe

## 4. Return Path Electrodes

### RECOMMENDATIONS FOR RETURN PATH (GROUND, REFERENCE) ELECTRODES

The return path (also termed ground, reference, indifferent, neutral or dispersive electrode) electrode serves to complete the current path through the patient. Current from the RF generator is applied to the patient through the uninsulated portion of the lesion electrode. It must find a return path back to the RF generator and does this through the return path electrode; otherwise no current could flow. Therefore, RF current always passes through both the lesion electrode and the return path electrode, and it is important to be aware that tissue heating can occur equally well at either electrode if current density (the amount of current per unit area) is high. It is essential that current density at the return path electrode remains low to avoid excessive heating and burns at this site. Burns can be avoided if the effective contact area of the return path electrode is much larger than the bare surface of the lesion electrode. The effective contact area is the area of the electrode that is actually in contact with the skin.

Important guidelines for proper use of return path electrodes:

#### ⚠ WARNINGS

Patient or operator injury can result from improper handling of the OWL Universal RF System and the indifferent (dispersive) electrode particularly when operating the device.

- The subject should be asked after the first lesion is applied and periodically thereafter if any sensation of warmth or other discomfort was felt during or after lesion making.
- The electrode surface should be in firm contact with the skin, and periodically observed to ensure that no part of it has lifted off, thereby decreasing its effective contact area.
- The effective contact area of prejelled fabric-backed disposable electrodes must be a minimum of 50 sq cm. The electrode should be freshly opened from its sealed packet, and moistness of the embedded conductive jelly should be confirmed. The use of disposable ECG monitoring electrodes is not recommended.
- Skin-to-skin contact (for example between the arms and body of the PATIENT) should be avoided for example by insertion of dry gauze.
- The entire area of the neutral electrode should be reliably attached to a suitably prepared and appropriate area of the PATIENT'S body.
- Do not place return path electrode over: scars, bony prominences, hairy skin, prosthesis or ECG electrodes.
- Apparent low output or failure of the HF surgical equipment to function correctly at the normal operating settings may indicate faulty application of the neutral electrode or poor contact in its connections. In this case, the application of the neutral electrode and its connections should be checked before selecting a higher output power. Then the application of the return path electrode and its connections should be checked before proceeding.
- It is important to be aware that tissue heating can occur equally well at either electrode if current density (the amount of current per unit area) is high. Use properly sized patient return electrodes.

**Recommendation:** The OWL GD-Pad Disposable Patient Return Electrode should be used with the OWL RF Generators. The operator should rely on the instructions for use provided by the manufacturer of the PATIENT RETURN ELECTRODE for specific placement instructions.

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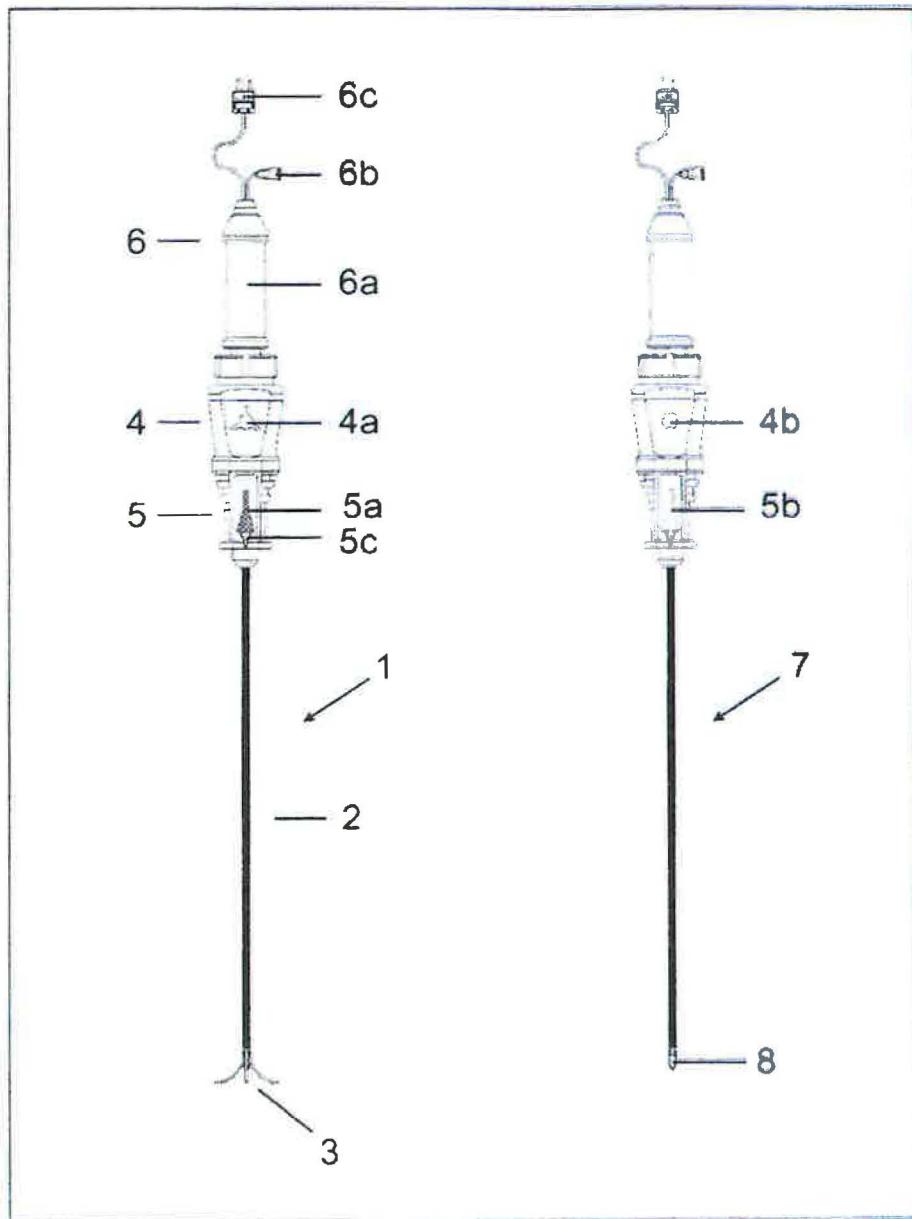


Figure 1 OWL Single Use Trident™ Hybrid RF Insulated Cannula model DTRH

## 5. Trident™ Hybrid RF Cannula Components

The Trident™ Hybrid RF Cannula Model DTRH, shown in Figure 1, differs from the standard Trident™ RF Insulated Cannula Model DTR in the following two important respects:

- The standard Trident RF Cannula requires a separate component, a RF Probe/Temperature Sensor to be inserted into its lumen to (i) provide a current path for stimulation and RF lesioning, and (ii) for monitoring tissue temperature during lesion making via a temperature sensor within the RF Probe tip

- The Trident™ Hybrid RF Insulated Cannula has an RF Probe/Temperature Sensor permanently installed inside it, with the probe tip containing the temperature sensor positioned within the cannula bevel for reliable temperature monitoring. The Trident™ Hybrid RF Insulated Cannula has a Fluid Injection Port (Fig. 1, 6b). This eliminates the need to remove a stylet (no stylet is needed at all, see Fig. 1) for access to fluid injection and possibly causing inadvertent dislodging of cannula tip position.



- 1 The Trident™ Hybrid RF Insulated Cannula with tines completely deployed
- 2 Insulated shaft of the Trident™ Hybrid RF Insulated Cannula
- 3 The 3 tines deployed
- 4 Rotatable Actuator of the Trident™ Hybrid RF Insulated Cannula
  - 4a Forward-facing "3-tine" engraving indicating that clockwise Actuator rotation has fully deployed the tines.
  - 4b Forward-facing "0-tine" symbol indicating that counterclockwise Actuator rotation has completely retracted the tines into the cannula.
- 5 Hub of the Trident™ Hybrid RF Insulated Cannula
  - 5a Viewing Window for indicating tine deployment by a slider within the Window. As shown, the green slider (See Diagram 2) fills the window when the tines are fully deployed
  - 5b The slider is not visible indicating that the tines are completely retracted into the cannula.
  - 5c Marker Tab indicating the direction of the open face of the cannula (needle) bevel
- 6 Proximal portion of RF Probe/Temperature Sensor. The shaft—the distal portion—is within the cannula and cannot be seen
  - 6a Handle of the RF Probe
  - 6b Fluid Injection Port
  - 6c Electrical Connector Plug
- 7 The Trident™ Hybrid RF Insulated Cannula with tines completely retracted into the cannula
- 8 Bevel of the Trident™ Hybrid RF Insulated Cannula

## 6. Directions for Use

### 6.1 Equipment Required

Radiofrequency lesion procedures should be performed in a specialized clinical setting with fluoroscopic equipment

The RF equipment required for the procedure is as follows:

Q-ty	Equipment
1	OWL Sterile Single Use Trident™ Hybrid RF Insulated Cannula model DTRH
1	Corresponding connecting cables H4-S2F S. 463-103-HCT-S. 463-103-BPHCT-S
1	OWL Radiofrequency generator URF-3AP
1	OWL Disposable Indifferent dispersive electrode (GD-Pad) meeting ANSI/AAMI standard HF-18 requirements for electrosurgical electrodes models D7506 D7506NC

### 6.2 Equipment Inspection Prior To Use

Devices are supplied in a sterile pouch 1 device per pouch. Device does not require assembly prior to use.

#### Pouch contents:

1pc OWL Trident™ Hybrid RF Insulated Cannula (with protection tube)

The device does not require assembly prior to use. Perform the following checks before the patient is presented for the procedure. These tests will allow you to verify that the equipment you will use is in proper working order. Do these tests in a sterile environment.

#### • Package integrity

Inspect the pouch for any signs of damage that may compromise the sterility of the contents. Check the expiration date of the device and do not use if it is past expiration date

#### • Shaft and Cable Insulation

The insulation/coating for all devices should be visually inspected before each procedure. Inspect for cracked, peeling, chipped, cut, missing or otherwise damaged insulation. If detected, device must not be used to prevent personal injury for both patient and user. Such damage could lead to exit of RF current at a point along the shaft producing unwanted tissue heating there and possibly burns. Cable insulation for both active and dispersive

electrode cables should be checked prior to each procedure to be sure it is not damaged or cut. Regularly inspect and test re-usable cables and accessories

#### • Mechanical Damage

Inspect the device for any mechanical damage to the shaft, tines, handle, cable or the connector.

Inspect the entire system including the accessories that will be used with the device.

If damage is detected the device must not be used to prevent personal injury for both patient and user.  
patient and user.

### 6.3 Procedure

- 1 Assemble all required equipment for the intended procedure and position the patient as necessary.
- 2 Attach the disposable return path electrode (GD-Pad). Read and follow the manufacturer's instructions for use of the GD-Pad electrode to determine proper placement. Always use return path electrode that meet or exceed ANSI/AAMI HF-18 requirements
- 3 Connect the plug of the intermediate cable to an input of the Multi-Lesion Adapter or to the Probe receptacle on the RF generator. Maintain access to the probe connection end of the intermediate cable in order to facilitate easy attachment to the Connector Plug (6c).
- 4 Ensure that the tines are fully withdrawn into the Trident™ Hybrid RF Cannula. A distinct click will be heard to indicate full retraction. Following superficial anesthesia hold the Cannula only by its hub (not by the actuator) and insert it into the patient at a predetermined skin site and, using fluoroscopic guidance position the active tip of the Cannula at the desired lesion location.
- 5 Insert the Connector Plug into the intermediate cable. Check if device is reading room temperature before placing it into a patient
- 6 If proper connection is made the RF Generator should read within correct ranges of impedance and body temperature. Otherwise check all connections listed above.
- 7 Apply sensory and/or motor electrical stimulation as indicated by your protocol to verify correct electrode placement. Note: Tines must be fully deployed before stimulation otherwise results will be erroneous.
- 8 If the results of stimulation are not acceptable and repositioning of the cannula is required, first fully withdraw the tines into the cannula and then reposition. Repeat electrical stimulation as indicated.
- 9 Lesion as necessary. Refer to the RF Generator User's Manual for more information.

Note: If cannula tip is in a close proximity to the bone and/or in a deep/acute of an angle the tines may not fully deploy and resultant lesion will be smaller than expected.

- 10 Upon completion of lesioning, instill anesthetic and steroid in accordance with your protocol.
- 11 Upon completion of the procedure, remove the Trident™ Hybrid RF Cannula.

Note: Fully withdraw tines before moving the cannula.

- 12 Dispose of single use products properly.

#### ⚠ Important notes:

- Tines must be fully deployed before stimulation, otherwise results will be erroneous.
- If tines are not fully deployed the resultant lesion will be smaller than expected.
- If cannula tip is in a close proximity to the bone and/or in a deep/acute of an angle, tines may not fully deploy, and resultant lesion will be smaller than expected.
- Fully withdraw tines before repositioning the device
- Immediately stop any movement of the device if resistance is noticed.



## 6.4 Potential risks and complications

### Potential Risks with RF Neurotomy

In general, no mortality or permanent severe morbidity. However, with any operative procedure the following can uncommonly occur:

- Infection.
- Bleeding or hematoma along the cannula tract.
- Local, regional or systemic adverse to drugs used during the procedure—local anesthetics, analgesics, and steroids.

In general, with RF procedures:

- Skin burns from reduced area of contact of return path electrode either from use of return path electrodes with too small surface area or accidental partial loss of surface contact area.

## ⚠️ WARNINGS AND PRECAUTIONS

Inspect all components for damage prior to each use. If components are damaged in any manner they must not be used. Damaged components must be discarded or returned for evaluation/repair. Damaged components may result in patient or operator injury.

- Check if device is reading room temperature before placing it into a patient
- Do not start treatment without verification of correct placement
- Do not start treatment if device doesn't read body temperature and impedance
- Do not move device during treatment
- The RF Generator is capable of delivering significant electrical power. Patient or operator injury can result from improper handling of the Probe and GD-Pad electrode, particularly when operating the device.
- Malfunction of the RF Generator could result in an unintended increase of output power; therefore, supervision of the equipment during a procedure is required.
- Radio-frequency procedures should be performed in a fully-equipped operating room environment and **only** by physicians who are thoroughly trained in RF procedures
- The risk of igniting flammable gases or other materials is inherent in the application of RF power. Precautions must be taken to restrict flammable materials from the area where the instrument is in use.
- During RF power delivery, the patient should not be allowed to come in contact with ground metal surfaces
- When HF surgical equipment and physiological monitoring equipment are used simultaneously on the same patient, any monitoring electrodes should be placed as far as possible from the surgical electrodes. Needle monitoring electrodes are not recommended.
- The patient leads should be positioned in such a way that contact with the patient or other leads is avoided. Temporarily unused active electrodes should be stored in a location that is isolated from the patient.
- Use the correct size return path electrode to avoid burns at this site. Generally, it should be at least 20 times the area of the bare tip. Refer to OWL RF Generator's Manual for complete details.
- Application of RF energy may cause undesirable neuromuscular stimulation
- During power delivery, the patient should not be allowed to come in contact with ground metal surfaces
- Set RF generator in monopolar mode of operation
- Use the correct size return path electrodes to avoid burns at this site. (Refer to information in section Return Path Electrodes)
- The interference produced by the operation of RF Generator may adversely influence the operation of other electronic

equipment

- When this device is used with RF Generator care must be taken when operating around other equipment to avoid reciprocal interference. Potential non-ionizing electromagnetic or other interference could occur to this or to the other equipment near it.

## ⚠️ WARNING

These devices are intended for single use only. Re-using this product will cause:

Cross-Patient Infection	Biofilms, biological materials, pathogens, prions (CJD) etc can be left on the device. No method of sterilization after use has been validated for single use products
Pyrogenic Reactions	Single use devices can be contaminated with endotoxins that can cause pyrogenic reactions. Biocompatibility of devices has not been evaluated after use.
Compromised function and effectiveness of devices	Determination of materials from use, exposure to chemicals, heat etc may degrade the performance of the device and compromise its effectiveness
Toxicity of reprocessing chemicals	Biocompatibility and toxicity of device has not been evaluated after reprocessing. Reprocessing can result in residual toxicant levels to which subsequent patients may be exposed.

## 7. Storage

Keep away from extreme temperature, humidity and direct sunlight. Store in a cool, dry place.

## 8. Disposal

Dispose of components according to proper protocol for biohazardous products.

## 9. Product Information Disclosure

Diros Technology Inc. has exercised reasonable care in the manufacture of this product. Diros Technology Inc. excludes all warranties, whether express or implied by operation of law or otherwise, including but not limited to any implied warranties of merchantability or fitness, since handling and storage of this device by the user, as well as factors relating to the patient's diagnosis, treatment and other matters beyond Diros Technology Inc.'s direct control affect this device and the results obtained with its use. Diros Technology Inc. shall not be liable for any incidental or consequential loss, damage or expense, directly or indirectly arising from the use of this device. Diros Technology Inc. neither assumes, nor authorizes any other person to assume for it, any other additional liability or responsibility in connection with this device.

Diros Technology Inc. reserves the right to change specifications or to incorporate design changes without further notice and without incurring any obligations relating to equipment previously manufactured or delivered.

This document has been written in the English language. It is also available in other languages.

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## 10. Labeling Symbols

The following symbols can be found on product labels

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CONSULT INSTRUCTIONS FOR USE		CAUTION
	DO NOT REUSE		DO NOT RESTERILIZE
	CATALOGUE NUMBER		STERILIZED USING ETHYLENE OXIDE
	DATE OF MANUFACTURE		LOT
	USE BY DATE		MANUFACTURER
	DO NOT USE IF PACKAGE IS DAMAGED		AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY
	MR UNSAFE		KEEP AWAY FROM SUNLIGHT
	NON IONIZING RADIATION		TEMPERATURE LIMIT
	QUANTITY		HUMIDITY LIMITATION
	CAUTION US Federal Law restricts this device to prescription only		DEVICE SHAFT LENGTH
	DEVICE SHAFT DIAMETER		DEVICE ACTIVE TIP LENGTH
	CE MARK EUROPEAN COMPLIANCE SYMBOL		

Note: Device active tip length is measured with tines deployed

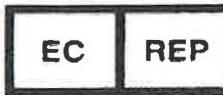
## 11. Customer support

For any questions or additional information, please contact Customer Service at:



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